

Work Order ID 110677***110677***

Page 1

January-07-14 3:00:22 PM

Item ID:	D3535-23	Accept	*N900040100*	Setup	Start	*NS1*					
Revision ID:						Stop					
Item Name:	Stainless Steel Wearplate Center Fwd					*NS2*					
Start Date:	1/07/14	Start Qty:	6.00	Cust Item ID:							
Required Date:	1/07/14	Req'd Qty:	6.00	Customer:							
Reference:											
Approvals:	Process Plan:	MP/MLJ	Date:	14-01-10	Tooling:		Date:		Run	Start	*NR1*
	QC:		Date:		SPC (Y/N):		Date:		Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3535	Rev B

100 0.00

100 FLOW WATER JET
 Waterjet Memo 0.00
 FLOW CNC Waterjet 1-Cut as per Dwg D3535 Dwg Rev: B Prog Rev: B 2-
 Deburr if necessary

b c A 14.01.31

110 QC2- Inspect parts off machine FAI/FAIB 0.00

110 Memo 0.00
 QC Quality Control

b c A 14.01.31

120 QC8- Inspect parts - second check 0.00

DAS
27
9.81
14/2/13

Memo 0.00

QC Quality Control

6 _____

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order:				DISPOSITION		AGAINST DEPARTMENT/PROCESS										
Part No.				Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Suspected Unapproved <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No.				Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
Root Cause		Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Design																
Doc/Data																
Equip/Tooling																
Handling/Pre																
Material																
Operator																
Offset/Setup																
Process																
Supplier																
Training																
Transport																
Unapproved																
FAULT CATEGORY																
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube					<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;"> General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function </td> <td style="width: 25%; text-align: center;"> <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence </td> <td style="width: 25%; text-align: center;"> <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge </td> <td style="width: 25%; text-align: center;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other </td> </tr> </table>								General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other													

DQA:

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: _____

Work Order update only

Work Order: _____
 Part No. _____
 NCR No. _____

DISPOSITION

Rework
 Scrap
 Use-as-is
 Suspected Unapproved

AGAINST DEPARTMENT/PROCESS

Skid-tube
 Machining
 Thermoforming
 Large Fab

Crosstube
 Small Fab
 Finishing
 Composite

Water Jet
 Prod. Eng. Coor.
 Rec/Store/Packaging
 Supplier

Engineering
 Quality
 Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General			
Bending	Bend			
Centre Not Concentric	BOM/Route			
Cracks	Broken/Damage/Defect			
Crimp/Kink/Ripple/Wave	Burrs			
Cuffs	Contamination			
Crushing	Countersink			
Heat Treat	Cut Too Short			
Inspection Strip in Tube	Drawing			
Marks/Chatter	Drill Holes			
Turning Sequence	Finish			
Wave/Twist in Tube	Fit/Function			
	Folio/Program			
	Grain			
	Hardware			
	Inspection Incomplete/Unqualified			
	Instructions Incomplete/Unclear			
	Misaligned/off center			
	Mislabeled			
	Misread			
	Off-set			
	Out of Calibration			
	Out of Sequence			

Work Order ID 110677

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110677

Page 3

Item ID:	D3535-23	Accept	*N900040100*	Setup	Start	*NS1*
Revision ID:					Stop	*NS2*
Item Name:	Stainless Steel Wearplate Center Fwd					
Start Date:	1/07/14	Start Qty:	6.00	*6*	Cust Item ID:	
Required Date:	1/07/14	Req'd Qty:	6.00	*6*	Customer:	

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 *160* QC Quality Control	QC3- Inspect Part Finish Memo	0.00							
			(6)	14-02-04	DAS	9	9-89		

170 *170* Packaging Packaging	Identify as per dwg & Stock Location: <u>F13-002</u>	0.00	X6	14-02-05
	Memo	0.00		

180 *180* QC Quality Control	QC21- Final Inspection - Work Order Release	0.00	MLJ	14-02-05
	Memo	0.00		

MLJ 14-02-05

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order:	DISPOSITION				AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved										
FAULT CATEGORY										
Landing Gear Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence Wave/Twist in Tube	General Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function <input type="checkbox"/>				Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/>					

Picklist Print

January-07-14 3:00:22 PM

Page 1

Work Order ID: 110677

Parent Item: D3535-23

Parent Item Name: Stainless Steel Wearplate Center Fwd

Start Date: 1/07/14

Required Date: 1/07/14

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 07-02-15 JLM
IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S20GA 304/316 .040 Sheet		Purchased	No			100	sf	298.5500	1.3615	8.5989474			AE 14-01-31

Location	Loc Qty	Loc Code
MAT020	298.55	
m126852	7.75	
<u>m127454</u>	290.8	

127454 → 8.6

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order:	DISPOSITION				AGAINST DEPARTMENT/PROCESS					
Part No.	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No.	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design										
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										
FAULT CATEGORY										
Landing Gear	Bending <input type="checkbox"/>	General		Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
	Centre Not Concentric <input type="checkbox"/>			Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>				
	Cracks <input type="checkbox"/>			Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>			Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>				
	Cuffs <input type="checkbox"/>			Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
	Crushing <input type="checkbox"/>			Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
	Heat Treat <input type="checkbox"/>			Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
	Inspection Strip in Tube <input type="checkbox"/>			Misread <input type="checkbox"/>						
	Marks/Chatter <input type="checkbox"/>			Off-set <input type="checkbox"/>						
	Turning Sequence <input type="checkbox"/>			Out of Calibration <input type="checkbox"/>						
	Wave/Twist in Tube <input type="checkbox"/>			Out of Sequence <input type="checkbox"/>						

DART AEROSPACE LTD	Work Order:	110677
Description: Wearshoe	Part Number:	D3535-23
Inspection Dwg: D3535 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.885	+/-0.010	1.885	-		✓	JKM-05
2.000	+/-0.010	2.000	-		✓	
4.750	+/-0.010	4.750	-		T	JKM-06
9.500	+/-0.010	9.500	-		T	
14.250	+/-0.010	14.250	-		T	
17.750	+/-0.010	17.750	-		T	
23.140	+/-0.010	23.140	-		T	
28.530	+/-0.010	28.530	-		T	
33.920	+/-0.010	33.920	-		T	
39.310	+/-0.010	39.310	-		T	
44.700	+/-0.010	44.700	-		T	
48.200	+/-0.010	48.200	-		T	
52.850	+/-0.010	52.850	-		T	
.00188	+0.005/-0.001	.188	-		✓	
48.00	+/-0.030	48.00	-		T	
39.00	+/-0.030	39.00	-		T	
32.00	+/-0.030	32.00	-		T	
24.00	+/-0.030	24.00	-		T	
16.00	+/-0.030	16.00	-		T	
8.00	+/-0.030	8.00	-		T	
6.00	+/-0.030	6.00	-		T	
0.300	+/-0.010	.302	-		✓	
0.300	+/-0.010	.302	-		✓	
0.038	+/-0.010	.035	-		✓	

DAS

Measured by:	Ae
Date:	14.01.31

Audited by:	27 9.00
Date:	14/12/13

Prototype Approval:	N/A
Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.11.23	New Issue	KJ/EC/DD	AS

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

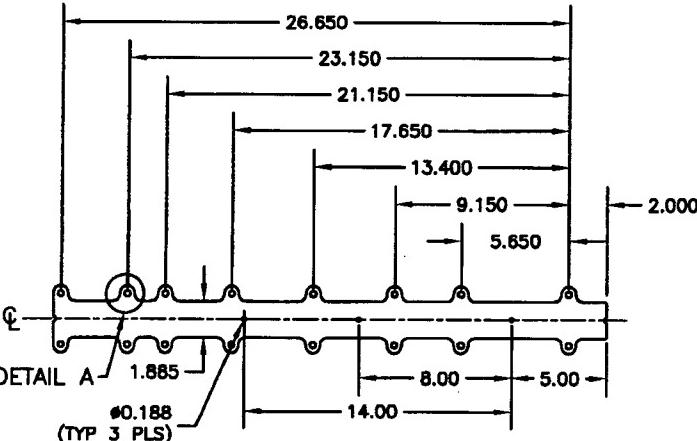
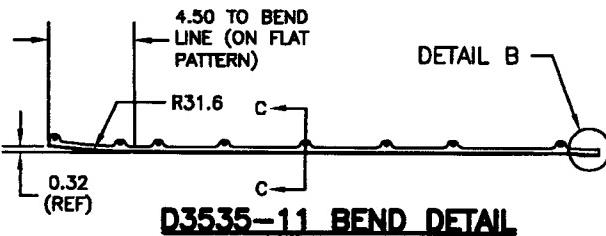
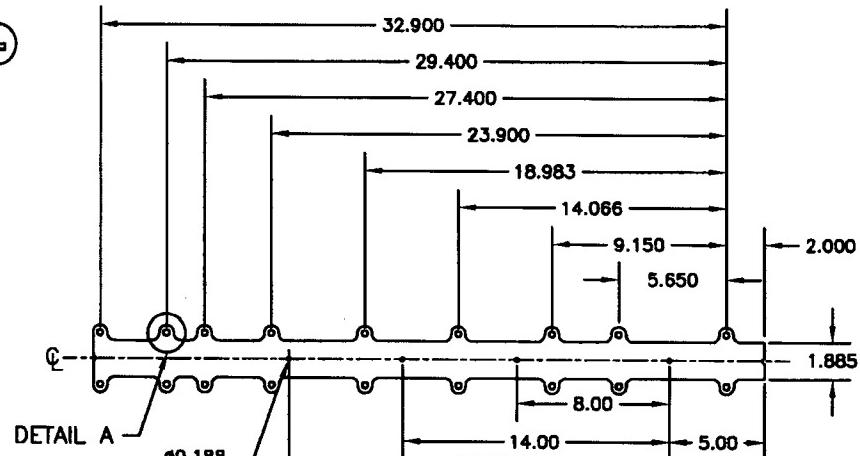
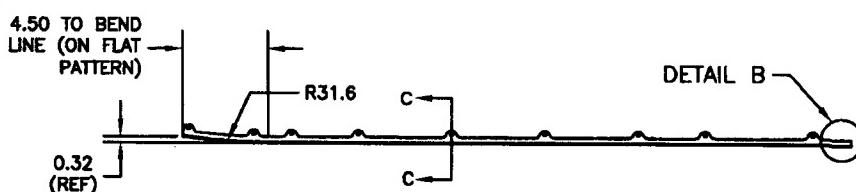
Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>												
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>												
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>												
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>													
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector								
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved																			
FAULT CATEGORY																			
Landing Gear				General															
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled			

DART

RELEASED

07.04.24

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
C8	PH	PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO.
✓	✓	D3535
DATE		SHEET 1 OF 7
07.04.17		SCALE 1:10
A	06.10.25	WEARSHOE
B	07.04.17	MOVE TAB OUTBOARD, ADD AMS SPEC

**D3535-11F FLAT PATTERN****D3535-11 BEND DETAIL****D3535-13F FLAT PATTERN****D3535-13 BEND DETAIL**

- NOTES**
- MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
 - FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER QSI 005 4.3
 - PART IS SYMMETRICAL ABOUT C
 - TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - ALL DIMENSIONS ARE IN INCHES
 - BREAK ALL SHARP EDGES TO 0.010 MAX
 - IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
 - SEE PAGE 7 FOR DETAILS AND SECTION

DQA:

Date:



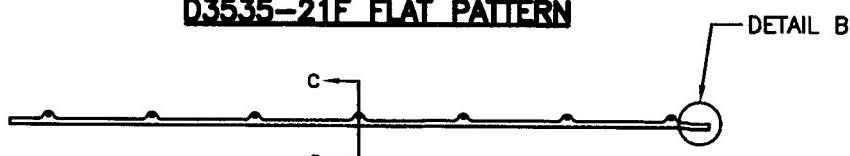
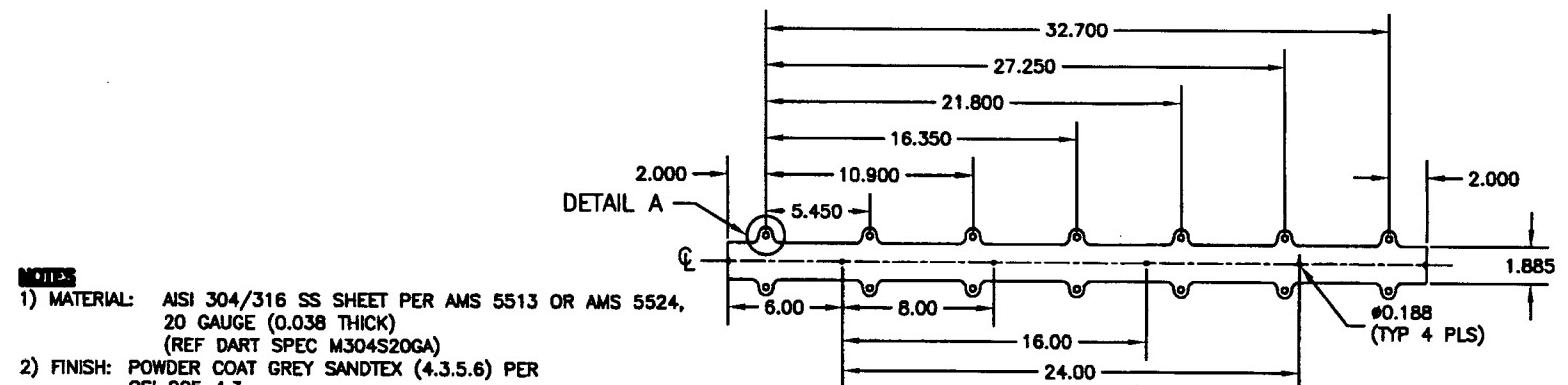
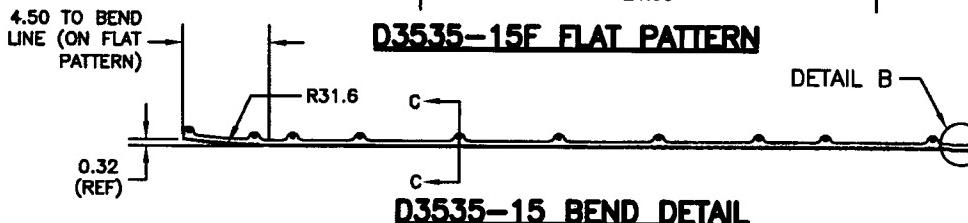
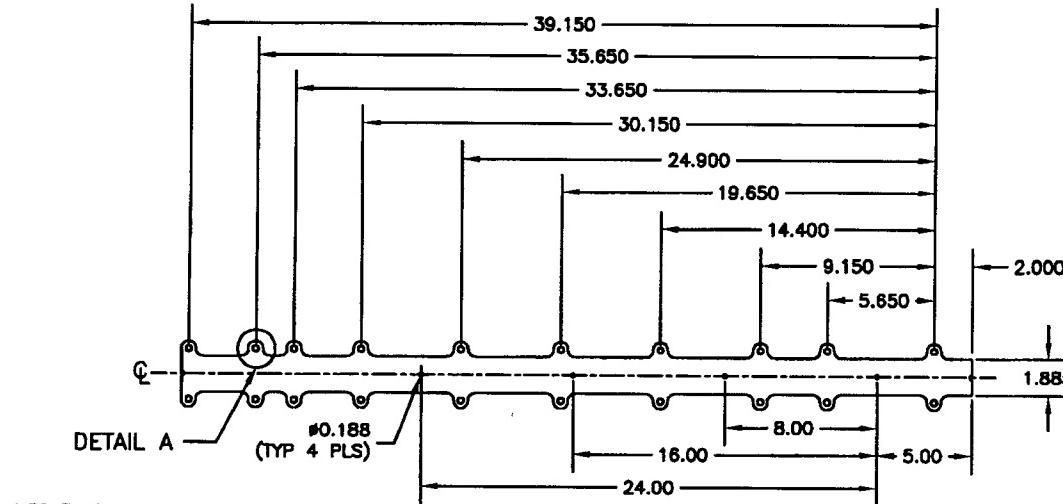
QA Closed:

Date:

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering Quality Other			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>				
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport Unapproved										
FAULT CATEGORY										
Landing Gear Bending Centre Not Concentric Cracks Crimp/Kink/Ripple/Wave Cuffs Crushing Heat Treat Inspection Strip in Tube Marks/Chatter Turning Sequence Wave/Twist in Tube	General									
		Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>		Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
		BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>		Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>				
		Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>		Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
		Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>		Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>				
		Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>		Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
		Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>		Positioned Wrong <input type="checkbox"/>					
		Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>		Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
		Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>							
		Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>							
		Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>							
		Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>							

DARTRELEASED
07.04.24

- NOTES**
- MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
 - FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER QSI 005 4.3
 - PART IS SYMMETRICAL ABOUT $\frac{1}{2}$
 - TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - ALL DIMENSIONS ARE IN INCHES
 - BREAK ALL SHARP EDGES TO 0.010 MAX
 - IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
 - SEE PAGE 7 FOR DETAILS AND SECTION

DESIGN CB	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED PH	APPROVED PH	DRAWING NO. D3535
DATE 07.04.17	TITLE WEARSHOE	REV. B SHEET 2 OF 7 SCALE 1:10

DQA:

Date:



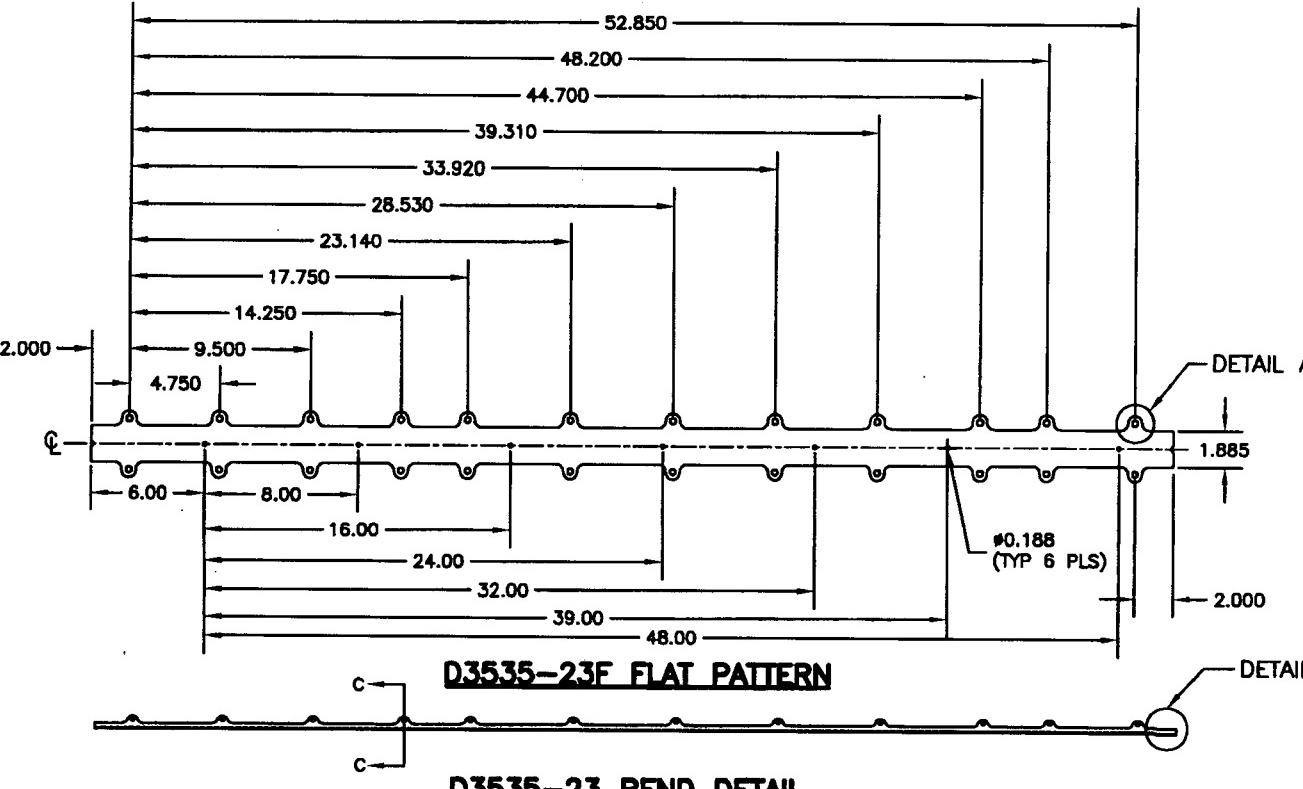
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

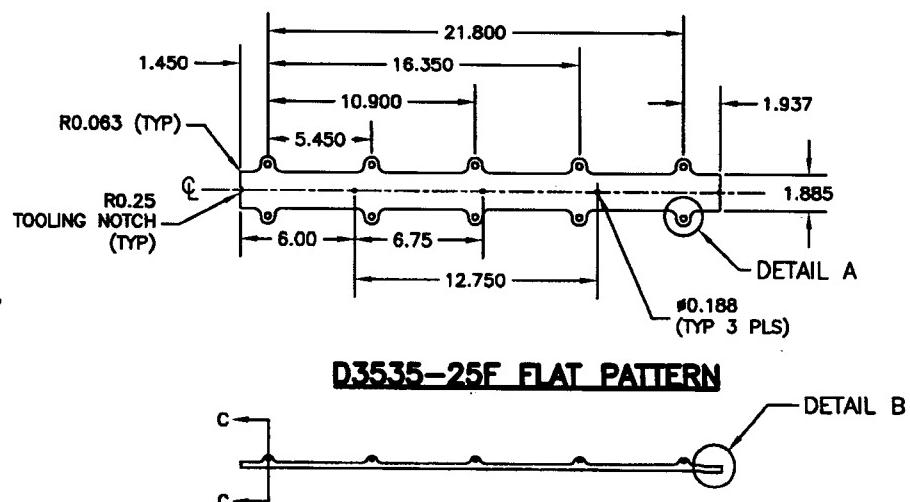
Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
NCR No. _____		Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
		Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
		Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General					
				<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program	<input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Pressure/Forced		
				<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Set-up		
				<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Hardware	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Temperature/Cure		
				<input type="checkbox"/> Burrs	<input type="checkbox"/> Inspection Incomplete/Unqualified	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Weld		
				<input type="checkbox"/> Contamination	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Moved	<input type="checkbox"/> Wrong Stock Pulled		
				<input type="checkbox"/> Countersink	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/> Positioned Wrong			
				<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Other		
				<input type="checkbox"/> Drawing	<input type="checkbox"/> Misread				
				<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Off-set				
				<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Calibration				
				<input type="checkbox"/> Fit/Function	<input type="checkbox"/> Out of Sequence				



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07.04.24

DART

DESIGN C.B	DRAWN BY MH	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED MH	APPROVED MH	DRAWING NO. D3535
DATE 07.04.17	TITLE WEARSHOE	REV. B SHEET 3 OF 7 SCALE 1:10



D3535-25 BEND DETAIL

- NOTES**
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524,
20 GAUGE (0.038 THICK)
(REF DART SPEC M304S20GA)
 - 2) FINISH: POWDER COAT GREY SANTEX (4.3.5.6) PER
QSI 005 4.3
 - 3) PART IS SYMMETRICAL ABOUT $\frac{C}{2}$
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES TO 0.010 MAX
 - 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT
PAINT MARKER
 - 8) SEE PAGE 7 FOR DETAILS AND SECTION

DQA: _____

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only

Work Order: _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		
Part No. _____			
NCR No. _____			

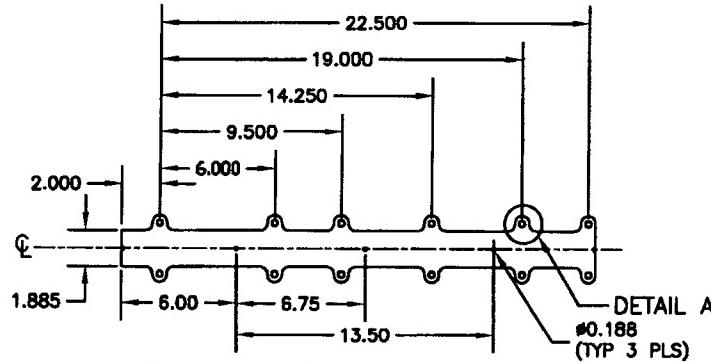
AGAINST DEPARTMENT/PROCESS

Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	

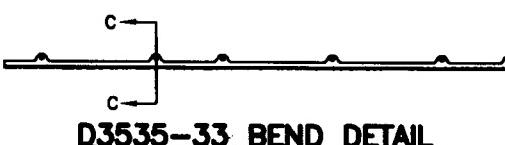
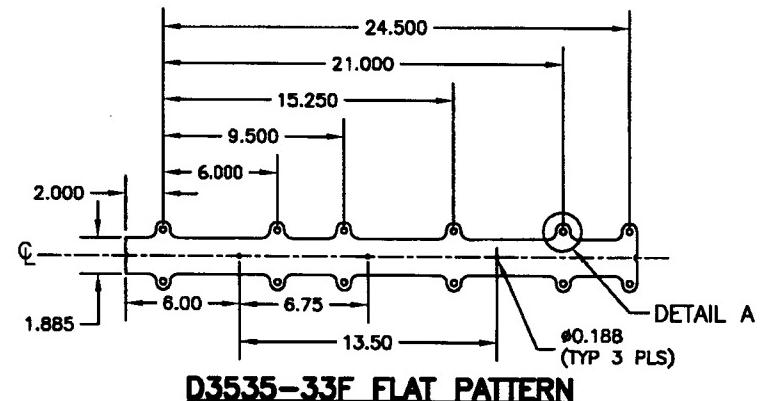
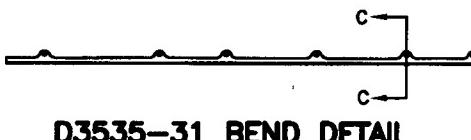
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube		General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function											<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	



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DESIGN	DRAWN BY	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CB	PH	
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		D3535
DATE		SCALE
07.04.17		1:10

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____
 Part No. _____
 NCR No. _____

DISPOSITION

Rework
Scrap
Use-as-is
Suspected Unapproved

AGAINST DEPARTMENT/PROCESS

Skid-tube
Machining
Thermoforming
Large Fab

Crosstube
Small Fab
Finishing
Composite

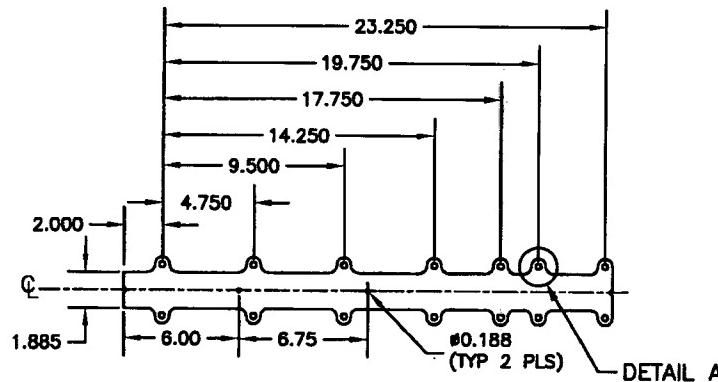
Water Jet
Prod. Eng. Coor.
Rec/Store/Packaging
Supplier

Engineering
Quality
Other

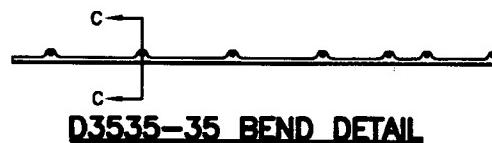
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

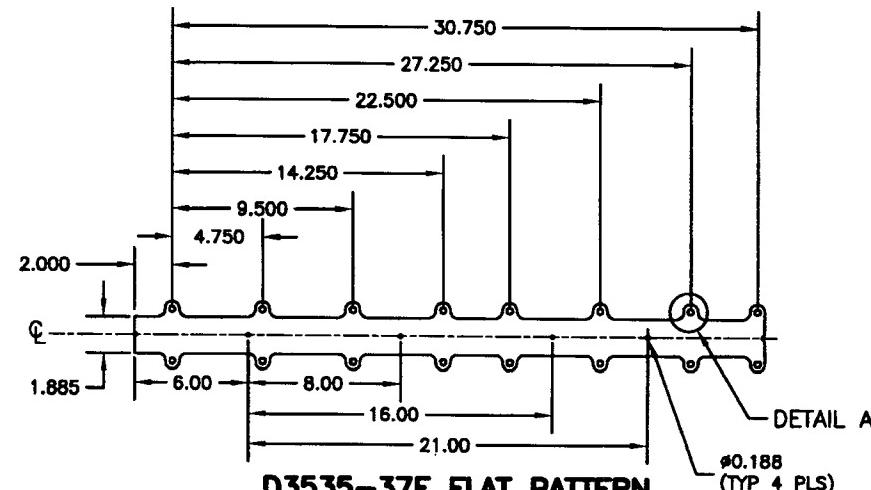
Landing Gear	General	Folio/Program	Outside Dimensions	Pressure/Forced
Bending	Bend	Grain	Over/Under tolerance	Set-up
Centre Not Concentric	BOM/Route	Hardware	Part Incorrect	Temperature/Cure
Cracks	Broken/Damage/Defect	Inspection Incomplete/Unqualified	Part Lost/Missing	Weld
Crimp/Kink/Ripple/Wave	Burrs	Instructions Incomplete/Unclear	Part Moved	Wrong Stock Pulled
Cuffs	Contamination	Misaligned/off center	Positioned Wrong	
Crushing	Countersink	Mislabeled	Power Loss/Surge	Other
Heat Treat	Cut Too Short	Misread		
Inspection Strip in Tube	Drawing	Off-set		
Marks/Chatter	Drill Holes	Out of Calibration		
Turning Sequence	Finish	Out of Sequence		
Wave/Twist in Tube	Fit/Function			



D3535-35F FLAT PATTERN



D3535-35 BEND DETAIL



D3535-37F FLAT PATTERN



D3535-37 BEND DETAIL

DESIGN CB	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED M	APPROVED M	DRAWING NO. D3535
DATE 07.04.17		TITLE WEARSHOE

REV. B
SHEET 5 OF 7
SCALE
1:10

- NOTES**
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (.038 THICK) (REF DART SPEC M304S20GA)
 - 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
 - 3) PART IS SYMMETRICAL ABOUT C
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES TO 0.010 MAX
 - 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
 - 8) SEE PAGE 7 FOR DETAILS AND SECTION

DQA:

Date:



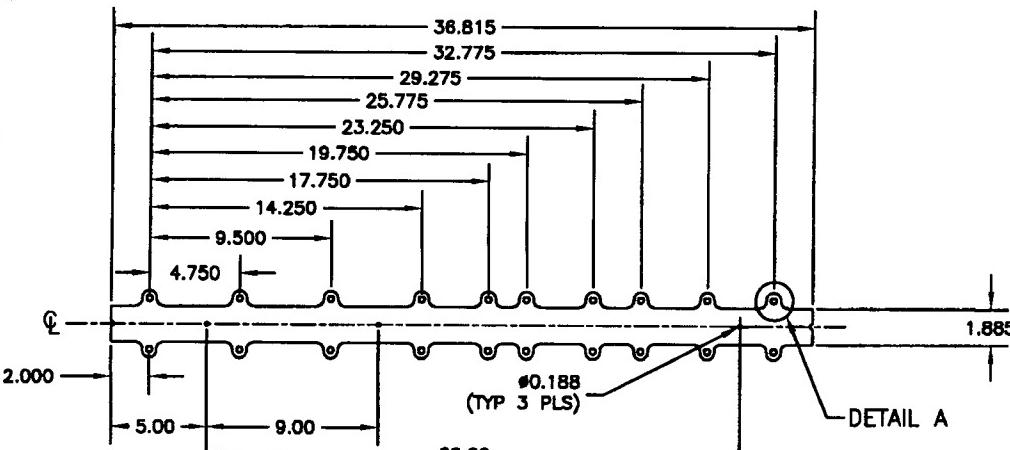
QA Closed:

Date:

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only

Work Order: _____	DISPOSITION				AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design										
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										
FAULT CATEGORY										
Landing Gear	Bending <input type="checkbox"/>	General			Folio/Program <input type="checkbox"/>				Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>
	Centre Not Concentric <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>					
	Cracks <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>					
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>					
	Cuffs <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>					
	Crushing <input type="checkbox"/>	Contamination <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>						
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>					
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>							
	Marks/Chatter <input type="checkbox"/>	Drawing <input type="checkbox"/>	Off-set <input type="checkbox"/>							
	Turning Sequence <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>							
	Wave/Twist in Tube <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>							
		Fit/Function <input type="checkbox"/>								

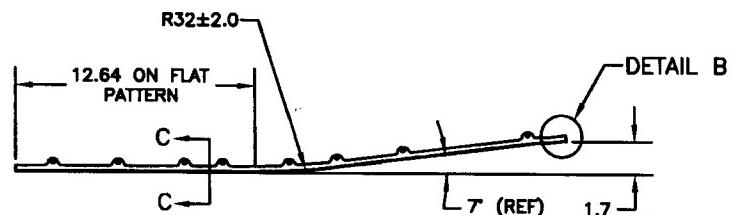
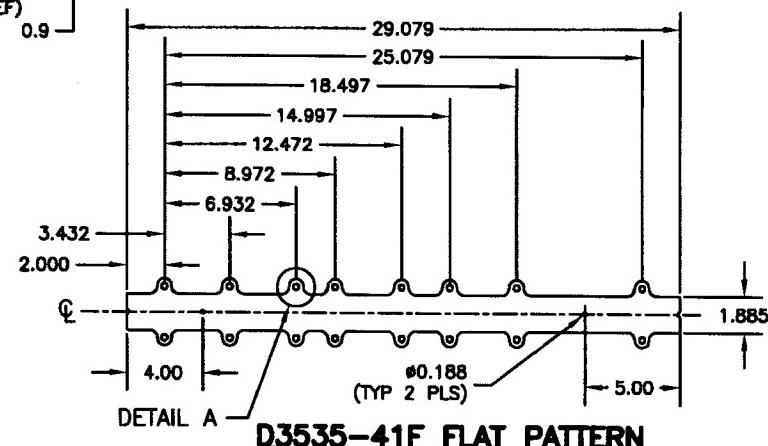
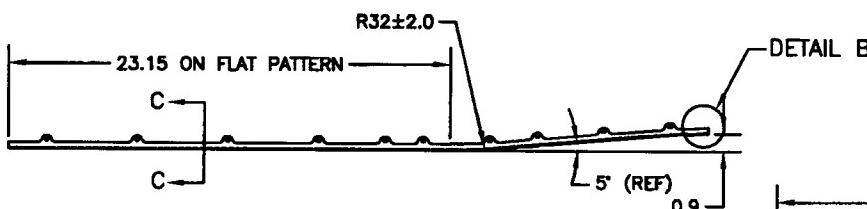


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07.04.24

DART

DESIGN	DRAWN BY	DART AEROSPACE USA, INC. PORT HADLOCK, WA	REV. B
C8	RH		
CHECKED	APPROVED	DRAWING NO.	
DATE	07.04.17	TITLE	WEARSHOE

SHEET 6 OF 7
SCALE 1:10



- NOTES**
- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
 - 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
 - 3) PART IS SYMMETRICAL ABOUT C
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES TO 0.010 MAX
 - 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
 - 8) SEE PAGE 7 FOR DETAILS AND SECTION

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering Quality Other <input type="checkbox"/>
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

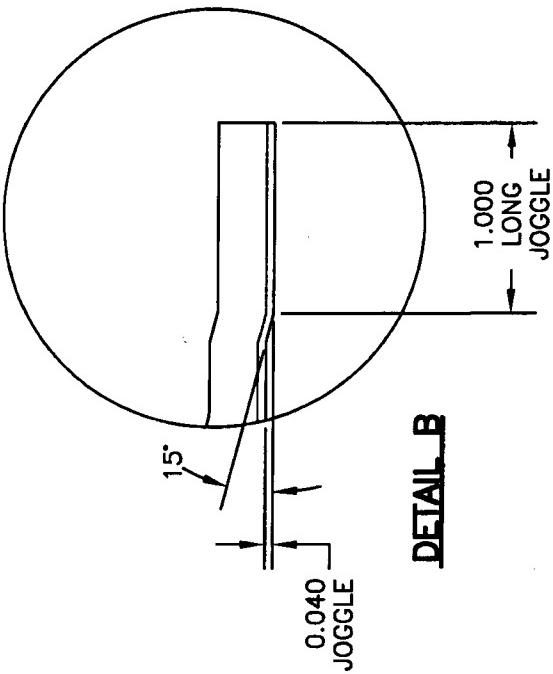
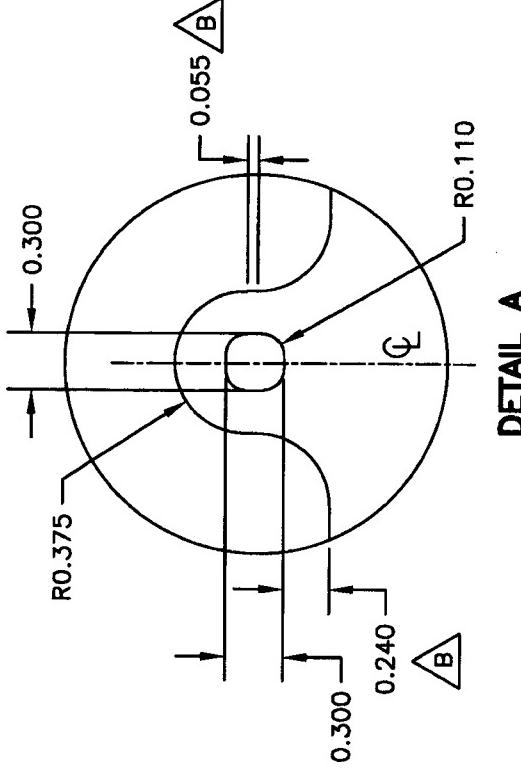
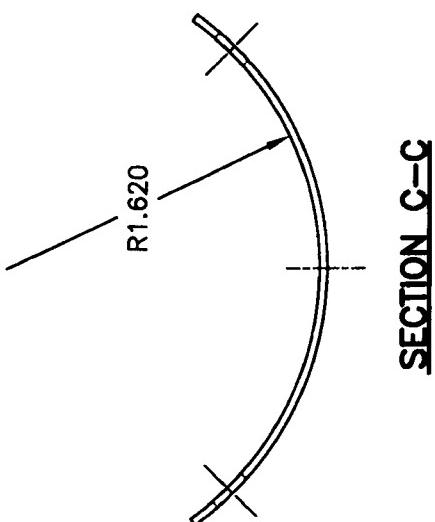
FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/> <input type="checkbox"/> Other

DART

DESIGN CB	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED ✓	APPROVED ✓	DRAWING NO. D3535
DATE 07.04.17	TITLE	REV. B SHEET 7 OF 7 SCALE 1:1

RELEASED

07.04.24 ~~✓~~**DETAIL B****DETAIL A****SECTION C-C**

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DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____
 Part No. _____
 NCR No. _____

DISPOSITION

Rework
Scrap
Use-as-is
Suspected Unapproved

AGAINST DEPARTMENT/PROCESS

Skid-tube
Machining
Thermoforming
Large Fab

Crosstube
Small Fab
Finishing
Composite

Water Jet
Prod. Eng. Coor.
Rec/Store/Packaging
Supplier

Engineering
Quality
Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	Bending	General	Folio/Program	Outside Dimensions	Pressure/Forced
	Centre Not Concentric		Grain	Over/Under tolerance	Set-up
	Cracks		Hardware	Part Incorrect	Temperature/Cure
	Crimp/Kink/Ripple/Wave		Inspection Incomplete/Unqualified	Part Lost/Missing	Weld
	Cuffs		Instructions Incomplete/Unclear	Part Moved	Wrong Stock Pulled
	Crushing		Misaligned/off center	Positioned Wrong	
	Heat Treat		Mislabeled	Power Loss/Surge	Other
	Inspection Strip in Tube		Misread		
	Marks/Chatter		Off-set		
	Turning Sequence		Out of Calibration		
	Wave/Twist in Tube		Out of Sequence		